



COMDTINST M16114.5B

COMMANDANT INSTRUCTION M16114.5B

FEB 27 1990

Subj: BOAT CREW SEAMANSHIP MANUAL

1. **PURPOSE.** The Boat Crew Seamanship Manual presents the approved methods and procedures for the conduct of Coast Guard boat operations. This Manual will also be used by the Coast Guard Auxiliary, for the conduct of vessel facility operations, after completion of transition from current Auxiliary directives.
2. **ACTION.** Area and District Commanders, Commanders of Maintenance and Logistics Commands, Commanding Officers of Headquarters Units, and Assistant Commandants for Directorates, shall ensure the contents of this Manual are utilized in all boat operations where applicable.
3. **DIRECTIVES AFFECTED.** The Boat Crew Seamanship Manual, COMDTINST M16114.5A is canceled. The Coast Guard Auxiliary Boat Crew Seamanship Manual, COMDTINST M16798.27 presently remains in effect as the primary training Manual for the Auxiliary until superseded by this Manual in the future.
4. **DISCUSSION.**
 - a. This update incorporates and standardizes the current best practices employed within the Coast Guard boat operations community. It is intended to be the primary reference for the Boat Crew Training Program and shore based boat operations and seamanship training.
 - b. Information from the Coast Guard Auxiliary Boat Crew Seamanship Manual COMDTINST M16798.27 has been incorporated into this Manual. This Manual now presents information in a generic nature applicable not only to Coast Guard boats and crews, but also to Coast Guard Auxiliary facilities and their crews. This Manual will become effective for Auxiliary use after a transition period which is expected to take approximately 2 years. Most boat-type specific information deleted in this update will

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be reflected in revisions to the appropriate operator's handbooks.

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- c. This text represents a major revision of the previous Boat Crew Seamanship Manual last released in July 1985. All chapters have been reorganized so that the general layout progresses from basic to complex or advanced procedures. The format has been changed to present information in a more readable style. A glossary, list of acronyms and index has been added to aid the reader in locating specific definitions and information.

Significant changes include:

- (1) Standard Coast Guard definitions for operations in heavy weather and surf and specific guidelines concerning the risk assessment decision making processes and crew personnel protective equipment utilization.
 - (2) Chapter 1, new physical fitness requirements, the same as required in the Boarding Team Member PQS, COMDTINST M16247.3B.
 - (3) Chapter 2, information specific to Coast Guard Auxiliary patrols.
 - (4) Chapter 4, Coast Guard's Team Coordination and Risk Assessment Model. Team coordination concepts and risk assessment standards are incorporated in all procedures.
 - (5) Chapter 9, an overview of the extreme dangers associated with the loss of stability.
 - (6) Chapter 14, policy concerning compass correction and a new section on river navigation.
 - (7) Chapter 17, standardized towing procedures.
 - (8) A Heavy Weather Addendum, for surfmen and heavy weather crew training.
5. PROCEDURES. The standardized methods and procedures presented in this Manual apply to all boat operations, crew training and certification.
- a. Commanding Officers/Officers in Charge shall ensure that personnel tasked with boat crew responsibilities are trained in all methods and procedures in the Manual.
 - b. Units which conduct boat operations or provide oversight of the operations shall use the information, processes and procedures set forth in this Manual as a standard when conducting evaluations of boat crew performance.

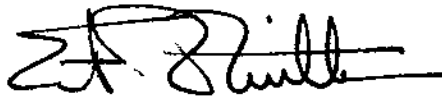
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- c. Area, district, and other training teams shall use this Manual as the primary reference text for all training objectives and lesson plans.

6. MINIMUM QUANTITY REQUIREMENTS

- a. Initial distribution to each station is intended to provide one copy for four boat crew members or trainees.
- b. Coast Guard Auxiliarists may order the Manual from the Auxiliary National Supply Center (ANSC) when available. Distribution to each flotilla will be with the intent to provide one copy for each four boat crew members or trainees.
- c. For record purposes, only one copy of this publication is required to be retained at each unit and Auxiliary flotilla.

7. CHANGES. This Manual is under continual review and will be updated as necessary. Recommendations for improvement or corrections are eagerly sought from all users. It is of critical importance that the most current and safest procedures be reflected within this text. Direct communication is encouraged by letter or publication change card, or informally by Fax at (202) 267-4593, or voice at (202) 267-2868.



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